

### Abstract of the Disclosure

Fluid communication between vessels is obtained by joining a vessel with a graft vessel in an end-to-side anastomosis at one end of the graft vessel and by joining another vessel in a side-to-side anastomosis at the other end of the graft vessel. A compression ring device and a concentrically configured operator enable the end-to-side anastomosis to be achieved in an interdigitated configuration while controlling blood flow. A stent enables the side-to-side anastomosis to be achieved.